

PIPER RUDNICK LLP

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FACSIMILE: 202-223-2085



DOCKET NO.: 9511-087-27

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

Re:

Serial No.: 10/043,322

Applicant(s): Riichiro ABE, et al. Filing Date: January 14, 2002

For: METHODS AND COMPOSITIONS FOR MODULATING

REGULATION OF THE CYTOTOXIC LYMPHOCYTE RESPONSE BY

MACROPHAGE MIGRATION INHIBITORY FACTOR

Group Art Unit: 1641

Examiner:

SIR:

Attached hereto for filing are the following papers:

INFORMATION DISCLOSURE STATEMENT FORM PTO-1449 CITED DOCUMENTS (77)

Our check in the amount of \$_-0-_ is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 50-1442. Further, if these papers are not considered timely filed, then a request is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

PIPER RUDNICK LLP

Steven B. Kelber Attorney of Record

Registration No.: 30,073

Paul C. Kimball

Registration No. 34,641

Docket No.: 9511-087-27

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GROUP ART UNIT: 1641

EXAMINER:

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IN RE APPLICATION: Riichiro ABE, et al.

SERIAL NUMBER: 10/043,322

FILED: January 14, 2002

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METHODS AND COMPOSITIONS FOR MODULATING REGULATION OF THE CYTOTOXIC LYMPHOCYTE

RESPONSE BY MACROPHAGE MIGRATION INHIBITORY FACTOR

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

FOR:

Applicant(s) wish(es) to disclose the following information.

REFERENCES

Applicant(s) wish(es) to make of record the documents listed on the attached Form PTO-1449. Copies of the listed documents are attached, where required, as are either statements of relevancy or any readily available full or partial English translations of any non-English-language documents.

RELATED CASES

Attached is a list of Applicant's(s') pending applications and issued patents which may be related to the present application. Copies of the documents, where required, are attached along with Form PTO-1449.

CERTIFICATION

The undersigned certifies that

- each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application for the first time (to the knowledge of the undersigned, having made reasonable inquiry) not more than three months prior to the filing of this statement.
- no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- without fee and within three months of the filing date of the application.
- without fee and within three months of the date of entry of the U.S. national stage.
- without fee and before the mailing date of a first Office Action on the merits (to the knowledge of the undersigned).
- □ without fee and with the appropriate certification above.
- □ without fee and with a new CPA application.
- □ without fee and with a Request for Continued Examination.
- with fee and before the mailing date of any of a Final Office Action, Notice of Allowance or an action that otherwise closes prosecution (to the knowledge of the undersigned).
- with fee, appropriate certification above, and before payment of the Issue Fee.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. <u>50-1442</u>.

Respectfully submitted,

PIPER RUDNICK LLP

Steven B. Kelber Attorney of Record Registration No. 30,073

Paul C. Kimball

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Form PTO 1449 U.S. DEPARTMENT DOCKET NO. SERIAL NO. Binance OF COMMERCE PATENT AND TRADEMARK (Modified) 9511-087-27 10/043,322 OFFICE APPLICANT Riichiro ABE, et al. FILING DATE GROUP ART UNIT LIST OF REFERENCES CITED BY APPLICANT January 14, 2002 1641 (Use Several Sheets if Necessary) U.S. PATENT DOCUMENTS EXAMINER DOCUMENT FILING DATE IF SUB DATE NAME CLASS INITIAL NUMBER CLASS APPROPRIATE AA 4,946,778 8/7/90 Ladner, et al. AB 6,030,615 2/29/00 Bucala, et al. AC 6,080,407 6/27/00 Bucala, et al. ΑD FOREIGN PATENT DOCUMENTS DOCUMENT TRANSLATION DATE COUNTRY NUMBER YES NO ΑE ΑF OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) Köhler, et al., "Continuous Cultures of Fused Cells Secreting Antibody of AG Predefined Specificity", Nature, 256, 495-497 (1975). Kozbor, et al., "The Production of Monoclonal Antibodies from Human AHLymphocytes", Immunology Today, 4, 3, 72-79 (1983). Cote, et al., "Generation of Human Monoclonal Antibodies Reactive with ΑI Cellular Antigens", Proc. Natl. Acad. Sci., 80, 2026-2030 (1983). Cole, et al., "The EBV-Hybridoma Technique and Its Application to Human Lung ΑJ Cancer", Monoclonal Antibodies and Cancer Therapy, Alan R. Liss, Inc., 77-96 (1985).Morrison, et al., "Chimeric Human Antibody Molecules: Mouse Antigen-Binding ΑK Domains with Human Constant Region Domains", Proc. Natl. Acad. Sci., 81, 6851-6855 (1984). Neuberger, et al., "Recombinant Antibodies Possessing Novel Effector Functions", Nature, 312, 13, 604-608 (1984). ALTakeda, et al., "Construction of Chimaeric Processed Immunoglobin Genes Containing Mouse Variable and Human Constant Region Sequences", Nature, 314, AΜ 4, 452-454 (1985).

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